

WALL SHIELD 2K



USP



Usability:

Pre-batched components -
Slurry/brushable consistency
(Mix & apply easily)

Self Priming:

In case of bare concrete/plaster
the same product can be used
as primer on dilution with water



Water Permeability:

Remarkable resistance towards
positive & negative hydrostatic
pressure up to 5 bar

Adhesion:

Excellent adhesion with
concrete, natural/artificial stone
& with WB paint for top coat



Damp Proofing:

The semi-rigid coating
is water proof & hence
damp proof as well

High Coverage:

About 12 sq. ft./kg in 2
coats which is more than
similar available liquid
applied membrane system



Crystalline Action:

It imparts integral water tightness
to the substrate through its
continuous crystallisation action
in presence of dampness

Aesthetic:

Provides a smooth, almost
seamless, off-white coloured
look after curing; this would
help to maintain the brightness
of the top coat paint on it



Anti-carbonation & Anti-efflorescence:

Provides lasting protection against
carbonation & efflorescence

Product Description

HS Wall Shield 2K is a two-component acrylic polymer modified white cement based waterproof slurry coating consisting of water insoluble crystalline micro structure which acts by deep penetration within the interstices of cementitious matrix. The product is for vertical application on concrete & plaster surfaces. It can be used for both positive and negative side waterproofing due to its excellent resistance to hydrostatic pressure and also its outstanding bonding.

Usage Area

HS Wall Shield 2K is used for:

- Exterior waterproofing of old or new concrete/masonry wall
- Damp proofing on interior walls of a old or new construction
- Lightweight waterproof bottom coating for interior tiles, granite, marble & other natural stones

Appearance & Colors



Part A: White Liquid

Part B: White powder

Part A+B: White slurry

Mixed Density @25°C



Around 1.74 g/cc

Surface dry time



45 minutes – 1 hour

Cure time after 2nd coat



4 – 6 days

Positive hydrostatic-pressure, DIN 1048



Passes 5 bar

Negative hydrostatic-pressure, DIN 1048



Passes 4 bar

Adhesion strength on concrete slab



0.8 Mpa

Crack bridging, ASTM D 4548



Upto 1.2 mm

Coverage



As mentioned
in the Method
of Application

WALL SHIELD 2K



Packs



3 Kg



15 Kg

Shelf Life

Best before 18 months from date of production, if stored properly in unopened, undamaged, original packaging in dry conditions at 5-30°C with protection from direct sunlight & frost

Storage

Store under cover, away from direct sunlight & protect from extreme environment. In hot temperature conditions, it must be stored in a temperature controlled atmosphere around 30°C

Directions for Use

Surface Preparation

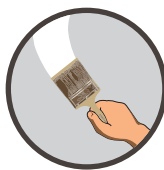


The surface to be applied should be clean & sound, free from any kind of contamination, dirt etc. Thoroughly wire brush the surface & clean the dust by air compressor or by water jetting. Oil & grease must be removed using degreasing solvents. Any damaged surface must be repaired by using crack fillers or polymer modified repair mortar like HS Advanced Latex Plus. Finally the substrate must be properly pre-wetted to a saturated surface-dry condition.

Application



On bare concrete/plaster: Primer Coat [Liquid: Powder: Water = 1: 2: 1 (by weight)]. One coat of primer to be applied on substrate by brush at a coverage rate of around 25 ft²/kg. Allow complete drying prior to application of the next coat. Waterproof Coat [Liquid: Powder = 1: 2 (by weight)]. Apply one slurry coat of the mixed material at a rate of around 20 ft²/kg/coat over the primer by hard masonry brush. Further topcoat to be applied after overnight drying at the same rate.



On white cemented or putty applied plaster: Waterproof Coat [Liquid: Powder = 1: 2 (by weight)]. Apply one slurry coat of the mixed material at a rate of around 20 ft²/kg/coat over the surface by hard masonry brush. Further topcoat can be applied after overnight drying. Consumption of HS Wall Shield 2K is dependent on the substrate roughness, surface profile, thickness of the layer applied, nature of brush, efficiency of the applicator etc. The treated area should be protected from direct sunlight and to be damp cured by covering with damp hessian or similar system.

Precautions

- Do not mix part quantities
- Do not add extra water for dilution
- Always add powder with the liquid, vice-versa is not recommended
- Do not expose the applied substrate to water until it is complete cured
- Must be protected from direct sunlight, at green stage of application

Health & Safety Precautions

- While using HS Wall Shield 2K use rubber hand gloves, dust mask & safety goggles
- HS Wall Shield 2K is alkaline & contact with skin or eyes, should be avoided
- In case of any contact to eyes should be washed immediately with clean water & seek medical advice
- Kindly follow the MSDS of Wall Shield 2K for additional required safety measure and precautions

Version No: BPP1/06/2022. Please note that this data sheet supersedes all previous versions.

BERGER PAINTS INDIA LIMITED

Berger House, 129 Park Street, Kolkata 700 017 | **CONSUMER RELATIONS MANAGER** Ph: 1800-103-6030
Fax: 91-33-2249-9729/9009 | SMS BERGER to 56767 | Email: consumerfeedback@bergerindia.com | www.bergerpaints.com